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| FORM PTO-1390 (REV 10-2004) | | ATTORNEY DOCKET NUMBER 4791-4006 |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | |
| INTERNATIONAL APPLICATION PCT/EP2003/013163 | INTERNATIONAL FILING DATE 24 November 2003 | U.S. APPLICATION NO. (If known, see 37 CFR 1.51) TBA 10/540497 |
| PRIORITY DATE CLAIMED 23 December 2002 | | |
| TITLE OF INVENTION TREATMENT OF GRANULAR SOLIDS IN AN ANNULAR FLUIDIZED BED WITH MICROWAVES | | |
| APPLICANT(S) FOR DO/EO/US STRÖDER, Michael; GERDES, Thorsten; WILLERT-PORADA, Monika; and ANASTASIJEVIC, Nikola | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)).</p> <p>4. <input checked="" type="checkbox"/> The US has been elected. (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> has been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> An English language translation of the International application as filed (35 U.S.C. 371(c)(2)).</p> <p>a. <input type="checkbox"/> is attached hereto</p> <p>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> | | |
| Items 11. to 20. below concern document(s) or information included: | | |
| <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821-1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or Information: Published Application with International Search Report; Notice Informing the Applicant of the Communication of the International Application to the Designated Offices; Notification of Transmittal of International Preliminary Examination Report and International Preliminary Examination Report; and Return Receipt Postcard.</p> | | |

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| U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) | | INTERNATIONAL APPLICATION NO. | | ATTORNEY'S DOCKET NO. | | | | | | | |
| TBA 10/540497 | | PCT/EP2003/013163 | | 4791-4006 | | | | | | | |
| The following fees have been submitted 21. <input checked="" type="checkbox"/> Basic national fee \$300 \$300.00 22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$100 All other situations \$200 \$200.00 23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared and provided to the Office \$400 All other situations \$500 \$400.00 | | | | | | | | | | | |
| TOTAL OF 21, 22 and 23 = \$900.00 | | | | | | | | | | | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | | | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | | RATE | | | | | | | |
| 28-100 = | 0/50 = | | | x \$250.00 \$0.00 | | | | | | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)). \$ | | | | | | | | | | | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | \$ | | | | | | |
| Total claims | 25 - 20 = | 5 | x \$50.00 | | \$ 250.00 | | | | | | |
| Independent claims | 1 - 3 = | 0 | x \$200.00 | | \$0.00 | | | | | | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | | + \$360.00 \$0.00 | | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = \$1,150.00 | | | | | | | | | | | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by $\frac{1}{2}$. \$ SUBTOTAL = \$1,150.00 | | | | | | | | | | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). + \$ TOTAL NATIONAL FEE = \$1,150.00 | | | | | | | | | | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + TOTAL FEES ENCLOSED = | | | | | | | | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"></td> <td style="width: 20%; text-align: center;">Amount to be refunded:</td> <td style="width: 20%; text-align: center;">\$</td> </tr> <tr> <td></td> <td style="text-align: center;">Amount to be charged:</td> <td style="text-align: center;">\$1,150.00</td> </tr> </table> | | | | | | | Amount to be refunded: | \$ | | Amount to be charged: | \$1,150.00 |
| | Amount to be refunded: | \$ | | | | | | | | | |
| | Amount to be charged: | \$1,150.00 | | | | | | | | | |
| a. <input type="checkbox"/> A check in the amount of \$ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>13-4500 (4791-4006)</u> in the amount of \$1150.00 to cover the above fees. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>13-4500 (4791-4006)</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. | | | | | | | | | | | |
| SEND ALL CORRESPONDENCE TO: 27123 Enter Address Here Bartholomew Verdirame, Esq. MORGAN & FINNEGAN LLP 1 World Financial Center New York, New York 10281-2101 212 415 8700 Telephone 212 415 8701 Fax | | | | | | | | | | | |
|  Signature <u>Bartholomew Verdirame</u> Name <u>28,483</u> REGISTRATION NUMBER | | | | | | | | | | | |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): STRÖDER, Michael; GERDES, Thorsten; WILLERT-PORADA, Monika;
and ANASTASIJEVIC, Nikola

Group Art Unit: Not Yet Assigned

Serial No.: Not Yet Assigned

Examiner: Not Yet Assigned

Filed: June 22, 2005 (Herewith)

For: TREATMENT OF GRANULAR SOLIDS IN AN ANNULAR FLUIDIZED BED
WITH MICROWAVES

EXPRESS MAIL CERTIFICATE

Mail Stop Box PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Express Mail Label No.: EV 623606948 US

Date of Deposit: June 22, 2005

I hereby certify that the following attached paper(s) and/or fee:

1. Transmittal letter to the US Designated Elected Office Concerning Filing Under 35 USC 371 (2 pps);
2. Preliminary Amendment (7 pp);
3. Information Disclosure Statement (1 pp);
4. PTO Form 1449 (1 pp) and (1) Cited Reference;
5. Published International Application with International Search Report;
6. Notice Informing the Applicant of the Communication of the International Application to the Designated Offices (1 pp);
7. Declaration (10 pp);
8. Notification of Transmittal of International Preliminary Examination Report and International Preliminary Examination Report (3 pp); and
9. Return Receipt Postcard.

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Albert Isles

(Typed or printed name of person mailing papers(s) and/or fee)



(Signature of person mailing paper(s) and/or fee)

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